Amendments to the Claims:

The listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

1.-9. (Cancelled)

10. (Currently Amended) An apparatus for operating plant equipment of a plant worksite through a central control room and a network by a remote control signal through wireless communication from the plant worksite, said apparatus comprising:

a mobile operation terminal for inputting a signal of a requested operation of said plant equipment and generating a radio wave signal of the input signal, said operation terminal being movable to an optional point of possible moving routes thereof at said worksite;

a plurality of wireless transceivers located in the vicinity of said plant equipment, with each of said wireless transceivers being located at a respective appropriate point of said routes in order for wireless communication with said mobile operation terminal by the generated radio wave; and

a control device connected to said plant equipment and connected to said wireless transceivers and said central control room via said network, wherein

the requested operation of said plant equipment is effected under control of said control device enabled with a control signal transmitted from one of said wireless transceivers enabled with its receipt of the radio wave signal generated by said mobile ~~transceiver~~ operation terminal, wherein

operation of said plant equipment is monitorable by said mobile operation terminal in a timely and immediate manner without contact with said central control room.

11. (Currently Amended) A method of operating plant equipment of a plant worksite, said method comprising operating the plant equipment through a central control room and a network;

inputting an equipment operation request signal to a mobile operation terminal movable along possible patrol routes in said work site;

carrying out wireless communication between the operation terminal and at least one transceiver placed at appropriate points in a vicinity of said plant equipment and each at least one transceiver being placed at a respective one of the appropriate points of said patrol routes for potential wireless communication with said operation terminal; and

transmitting the equipment operation request signal through the wireless communication from said mobile operation terminal and via the network to control operation of said plant equipment[.], wherein

operation of said plant equipment is monitorable by said module operation terminal in a timely and immediate manner without contact with said central control room.

12. (Currently Amended) In a system for operating plant equipment from a central control room, an apparatus for enabling remote operation control of the plant equipment through wireless communication from a worksite where said plant equipment is placed, said apparatus comprising:

a mobile terminal for inputting a signal for requesting a control operation and generating a radio wave signal of the input signal, said mobile terminal being movable to any of optional points of its potential patrol routes in said worksite;

a plurality of wireless transceivers located at appropriate points near said plant equipment and each of said transceivers being located at a respective one of the appropriate points in said patrol routes that enables any one of said transceivers, that is nearest to said mobile terminal moved to an optional point of said patrol routes, to receive the radio wave signal generated by said mobile terminal to produce a control signal for the operation of said plant equipment; and

a control device connected to said plant equipment and said central control room and said wireless transceivers through said network to receive the control signal produced from said one of said transceivers through said network and

operate said plant equipment in response to the received control signal, wherein the requested operation of said plant equipment is effectuable from said mobile terminal located at any optional point in said worksite instead of an operation control from said central control room[.] wherein

operation of said plant equipment is monitorable by said module operation terminal in a timely and immediate manner without contact with said central control room.

13. (Currently Amended) In a system for operating a plant equipment from a central control room, a method of remotely controlling operation of the plant equipment from any optional point of a worksite where the plant equipment is placed, the remote control being effected through wireless communication between a mobile terminal movable with an operator person to any optional point of potential patrol routes in the worksite, and a plurality of transceivers located at the worksite and connected to the central control room and a control device through network, ~~said control device through network,~~ said control device being connected to said plant equipment; ~~said method~~ comprising:

inputting a control request signal to the mobile terminal moved to an optional point of said patrol route for operation of the plant equipment to generate and transmit a radio wave signal of the input request signal;

receiving the transmitted radio wave signal by one of said transceivers and generating a corresponding operation control signal, said one of said transceivers being as near as possible to said mobile terminal moved to said optional point of said patrol routes by the location of said transceivers each located at a respective appropriate point in said patrol routes, that enables any one of said transceivers, that is nearest to said mobile terminal moved to an optional point of said patrol routes, to receive the radio wave signal generated by said mobile terminal to produce a control signal for the operation of said plant equipment; and

transmitting the generated corresponding operation control signal to said control device via said network ~~to said central control room~~ and said plant equipment to control the operation of said plant equipment instead of control thereof from said central control room[.] wherein

operation of said plant equipment is monitorable by said module operation terminal in a timely and immediate manner without contact with said central control room.

14. (Previously Presented) The apparatus of claim 12, wherein said mobile terminal includes means for displaying control data information which is the same as that displayed in said central control room.

15. (Previously Presented) The method of claim 13, comprising displaying control data information which is the same as that displayed in said central control room.